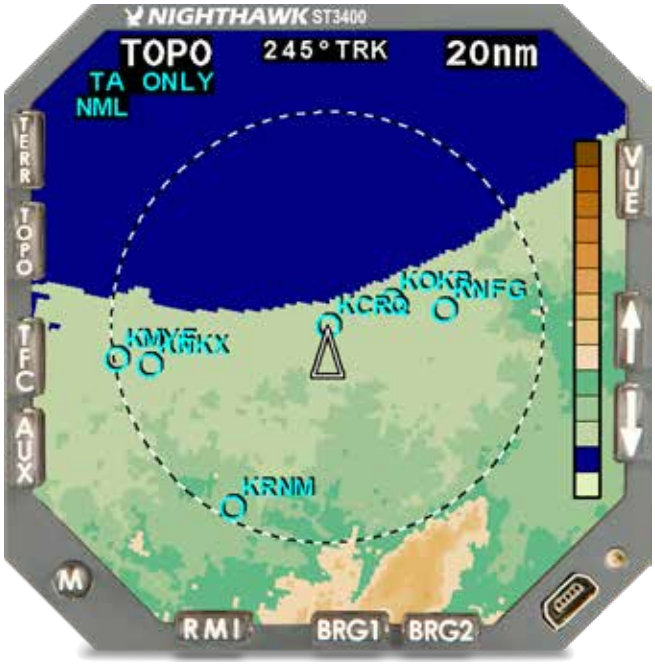
ST3400 3-ATI TAWS/RMI



The TSO'd, FAA-approved Class A and Class B TAWS solution, the ST3400 TAWS/RMI is the standard in TAWS performance. Reliable, affordable and easy to install, the ST3400 is a compact, self-contained unit that enhances pilot situational awareness as it helps avoid the problem of controlled flight into terrain (CFIT).

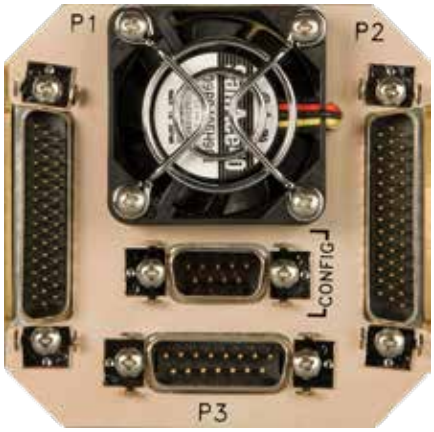
As a drop-in replacement for your aircraft's existing RMI unit, the 3-ATI ST3400 is the only TAWS that provides for a full-time terrain display in the pilot's field of view. Combining terrain and traffic alerting with topographic mapping and navigation unctions, the ST3400 is the only TAWS with a Predictive Altitude display mode, to give pilots a full-time view of their flight situation.

NIGHTHAWK FLIGHT SYSTEMS, INC.

Fly Safe.

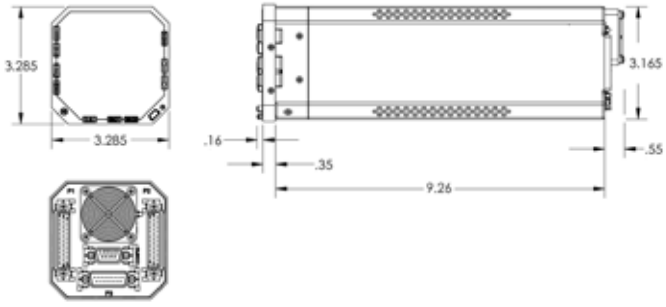
ST3400 3-ATI TAWS/RMI

Incorporating a TAWS processor, database and bright, sunlight-readable display, the ST3400 also includes our patented Smart I/O, for ready compatibility with virtually all types of aircraft.



Weight	2.9 lb (1.3 kg)
Size	3ATI x 9.26 in. (23.55 cm) rear of ST3400 bezel to ST3400 rear panel (excluding Positronics 'D' connectors)
Mounting	Flush mount or protruding bezel using rear mounted clampshell
TSO	C151b TAWS (Class A and Class B versions available) C113 Multi-Function display EASA ESTO, C113, C151a
Display	1 mega-pixel, 256 color, LED Backlit
Environmental	DO-160D [(A2)(F1)]ZBAB[(H)(R)]XXXXXXZBABB[WW]M[XXF2]XXA
Cooling	Internal Fan, no forced air required
Power	22-33VDC 35 watts nominal
Software	DO-178B, Level C
Database	Jeppesen Terrain/Obstacle and Airports/Runways
Data Loading	Front mounted mini-USB port using Windows compatible PC
Config. Module	Rear mounted plug-in aircraft configuration module
Interfaces	
GPS/FMS	ARINC 429 or RS-232; includes position, flight plan data, and RMI bearing
Air Data	ARINC 429, S/C AC, 565 XYZ, ARINC 575, AZ-648, CIC 8800M / 02702, RS-232 or Analog (not required in Class B installations when used with approved GPS receiver supplying altitude data)
OAT	ARINC 429 or direct connect to standard probe (required if barometric altitude is used)
Heading	ARINC 429 or XYZ
Gear/Flap	Discrete (Optional in Class B installations), Flaps XYZ
RMI	ADF: ARINC 429 DC SIN/COS or XYZ
VOR	ARINC 429 or Composite Video
Glideslope	ARINC 429 or low-level analog (Optional in Class B installations)
Radar Altimeter	0-2,000 ft. or 0-2,500 ft. (Optional in Class B installations) ARINC 565, ALT-50, ALT-55, RT220/300, KRA405, APN194, ARINC 4929
Traffic	(TAS, TCAD and TCAS I): ARINC 429
Audio	600-ohm low-level and 8-ohm direct speaker outputs
Remote Annunciators	ARINC 429 or Discrete, 250ma maximum (optional)

Note: Two inputs available for each source for reversionary operation (2nd input optional)



Dimensions and specifications subject to change without notice.

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